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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

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SECRET

COUNTRY	Czechoslovakia	REPORT	25X1
SUBJECT	C-11 Aircraft	DATE DISTR.	16 September 1954
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PLACE ACQUIRED		REFERENCES	25X1

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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
 THE APPRAISAL OF CONTENT IS TENTATIVE.
 (FOR KEY SEE REVERSE)

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25 YEAR RE-REVIEW

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USAF review completed.

STATE	/X	ARMY	/X	NAVY	/X	AIR	/X	FBI		AEC				
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COUNTRY Czechoslovakia

DATE DISTR. 26 July 1954

SUBJECT C-11 Aircraft

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DATE OF INFORMATION

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1. Reference Enclosure # 1, this report, [redacted] sketches of the C-11 type aircraft. [redacted] 25X1

Physical Characteristics:

a. Engine: radial, seven-cylinder, air-cooled, [redacted] performance 900 HP, Maximum 2,500 rpm.; pumps: air, oil, fuel, and a scavenger pump. [redacted] 25X1

b. Wings: - location: low-wing; leading and trailing edge of wing roots located forward and aft of cockpit, respectively.

- span and dihedral: [redacted] 25X1
- shape: curved tips (Refer to sketch, plan view in Enclosure #1, this report)
- thickness: 25-30 cm. maximum
- trim tabs: referred [redacted] as being conventional, manually controlled by pilot from cockpit. [redacted] 25X1
- booms: two, main and a secondary which was smaller.
- material of construction: "dural" metal

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25 YEAR RE-REVIEW

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- 2 -

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c. Fuselage:

- general shape: round from engine nacelle to cockpit, oval from cockpit to empennage.
- location of cockpit: /see enclosure 17
- bomb wing racks: two, one on each wing, called ETC (), each capable of carrying a bomb up to 75 kg. They had an electrical and a hand-operated release mechanism.
- fabric-covered section: /see enclosure 17
- four wing mounts, four engine mounts, four horizontal stabilizer mounts, three vertical stabilizer mounts.

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d. Empennage /Refer to Enclosure 17:

- fin: symmetrical shape, all-metal.
- rudder: fabric-covered.
- tabs: manually controlled by pilot from cockpit.

e. Landing gear: conventional, retractable, retracting outward into wing, pneumatically controlled. Non-retractable tail wheel.

- flaps: split type.

f. Propeller: two blade, approximately three meters long: oil-controlled prop.

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g. Fuel Tanks: two main fuel tanks, capacity () located inboard area of each wing. Two auxiliary fuel tanks, located outboard of main tanks, fuel lines connecting with the main tanks.

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- oil tank, oval, 35 lit. capacity.

h. Color of the Tubing System:

Yellow	- fuel
Brown	- oil
Blue	- air
Green	- water
Black with blue stripes	- hydraulics
Red	- fire-extinguishing system

i. Armament: One synchronized nose gun, approximately 12.5 mm. calibre. () it was a UBT type located on the left side of the nose /see enclosure 17.

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j. Radio: RPK () transmitter-receiver.

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k. Compass: Czechoslovak origin, called "mother compass" ("Matersky Kompas").

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- 3 -

1. Oxygen Tanks: two, demand type, capacity [redacted] 25X1
 However, duration of oxygen was for about 1 1/2 hours; tanks were located on the left side of each pilot seat. There was no emergency oxygen supply such as bailout bottles. The oxygen mask was a conventional type. It covered the face from the bridge of the nose to the underside of the chin and was snapped to a helmet.

2. General Information:

The C-11 aircraft was a two-seat, tandem-type, low-wing monoplane used solely for training purposes. Maximum air speed 400-420 km. [redacted] However, he maintained that the winterization procedure and the periodical inspections were performed in the same manner as with any other aircraft.

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1.

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NOTE:

[redacted] this aircraft was solely a trainer and the Czech for a training aircraft

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Enclosure # 1: [redacted] Sketch of C-11 Aircraft

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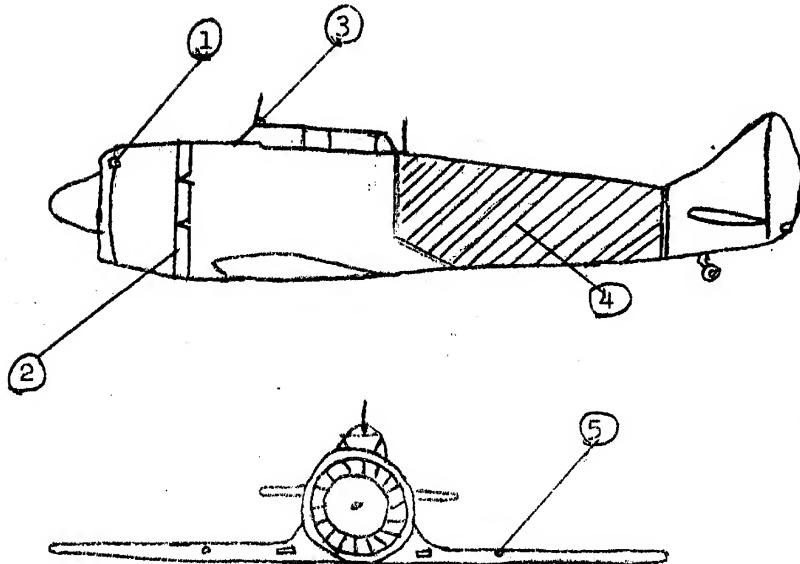
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- 4 -

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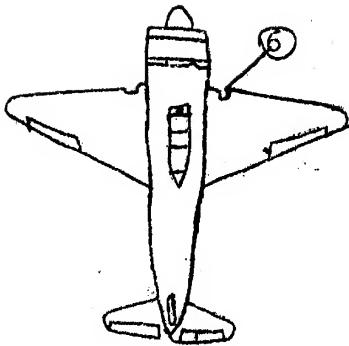
Enclosure # 1: Sketch of C-11 Aircraft

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LEGEND:

- ① Mouth of Synchronized Machine Gun
- ② Cowl Flaps
- ③ Radio Antenna
- ④ Fabric-Covered Section
- ⑤ Gun Camera
- ⑥ Oil-Cooler Air Scoop



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